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L Number	Hits	Search Text	DB	Time stamp
-	4	("5371883" "6067639").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 11:39
-	39	5371883.URPN.	USPAT	2004/08/09 11:41
-	33	5371883.URPN. AND (COTS OR COMMERCIAL OR SCRIPT$3 OR WEB OR CONSOLIDAT$3 OR PLATFORM OR REAL-TIME OR PRIORIT$3 OR RULE OR THRESHOLD OR MINIM$2 OR REBOOT OR STARTUP OR START-UP OR BOOT)	USPAT	2004/08/09 12:46
-	34	5371883.URPN. AND (COTS OR COMMERCIAL OR SCRIPT$3 OR WEB OR CONSOLIDAT$3 OR PLATFORM OR REAL-TIME OR PRIORIT$3 OR RULE OR THRESHOLD OR MINIM$2 OR REBOOT OR STARTUP OR START-UP OR BOOT or gui or (user adj interface) or (graphical adj interface))	USPAT	2004/08/09 13:10
-	1400	(simulat$3 or emulat$3 or test$3 or diagnotsic or diagnos$3) near3 (gui or (user adj interface) or (graphical adj interface))	USPAT	2004/08/09 13:09
-	166	(simulat$3 or emulat$3 or test$3 or diagnotsic or diagnos$3) adj (gui or (user adj interface) or (graphical adj interface))	USPAT	2004/08/09 13:09
-	63	test$3 adj (gui or (user adj interface) or (graphical adj interface))	USPAT	2004/08/09 13:09
-	1580617	(COTS OR COMMERCIAL OR SCRIPT$3 OR WEB OR CONSOLIDAT$3 OR PLATFORM OR REAL-TIME OR PRIORIT$3 OR RULE OR THRESHOLD OR MINIM$2 OR REBOOT OR STARTUP OR START-UP OR BOOT or gui or (user adj interface) or (graphical adj interface))	USPAT	2004/08/09 13:13
-	63	(test$3 adj (gui or (user adj interface) or (graphical adj interface))) and ((COTS OR COMMERCIAL OR SCRIPT$3 OR WEB OR CONSOLIDAT$3 OR PLATFORM OR REAL-TIME OR PRIORIT$3 OR RULE OR THRESHOLD OR MINIM$2 OR REBOOT OR STARTUP OR START-UP OR BOOT or gui or (user adj interface) or (graphical adj interfacc)))	USPAT	2004/08/09 15:32
-	0	6622298.URPN.	USPAT	2004/08/09 14:31
-	11	("5513315" | "5548718" | "5758062" | "5819066" | "5905856" | "6002869" | "6028999" | "6067639" | "6151686" | "6345322" | "6418543").PN.	USPAT	2004/08/09 14:31
-	14	5790117.URPN.	USPAT	2004/08/09 15:21
-	0	395/183.ccls.	USPAT	2004/08/09 15:33
-	0	395/575.ccls.	USPAT	2004/08/09 15:33
-	0	395/???.ccls.	USPAT	2004/08/09 15:33
-	229	345/762.ccls.	USPAT	2004/08/09 16:15
-	247	717/124.ccls.	USPAT	2004/08/09 16:15
-	189	717/168.ccls.	USPAT	2004/08/09 16:15
-	22	5781720.URPN.	USPAT	2004/08/09 16:20
-	48	(COTS OR (COMMERCIAL3 near3 shelf)) and (test$3 near2 component)	USPAT	2004/08/10 07:27
-	9	(COTS OR (COMMERCIAL3 near3 shelf)) and (test$3 adj component)	USPAT	2004/08/10 07:32
-	1	("6405364" | "2003/0028856").PN.	USPAT	2004/08/10 07:30
-	31183	(distributed or network$3 or client-server) same (test$3)	USPAT	2004/08/10 07:34
-	33066	(distributed or network$3 or client-server) same (test$3 mear3 gui)	USPAT	2004/08/10 07:34
-	21	(distributed or network$3 or client-server) same (test$3 near3 gui)	USPAT	2004/08/10 08:02
-	381	714/46.ccls.	USPAT	2004/08/10 08:02
-	4	("5359546" "6401220" "5371883" "6471794").pn.	USPAT	2004/08/19 07:35
-	4	("5359546" "6401220" "5371883" "6182245").pn.	USPAT	2004/08/19 07:51
-	4	("5359546" "6401220" "5371883" "6182245").pn.	USPAT	2004/08/19 08:09
-	3828	(717/124.ccls. or 714/???.ccls.) and (test$3 or diagnostic or diagnos$3) and (queue$3 or threshold or minimum or reboot$3 or re-boot$3)	USPAT	2004/08/19 08:14
-	1951	(717/124.ccls. or 714/???.ccls.) and (test$3 or diagnostic or diagnos$3) same (queue$3 or threshold or minimum or reboot$3 or re-boot$3)	USPAT	2004/08/19 08:14
-	1	(717/124.ccls. or 714/???.ccls.) and (test$3 or diagnos$3) same (queue$3 and (threshold or minimum) and (reboot$3 or re-boot$3))	USPAT	2004/08/19 08:16
-	68	(717/124.ccls. or 714/???.ccls.) and (test$3 or diagnos$3) near5 (gui or interface) same (queue$3 or (threshold or minimum) or (reboot$3 or re-boot$3))	USPAT	2004/08/19 08:17

-	2	(717/124.ccls. or 714/???.ccls.) and (test$3 or diagnos$3) near5 (gui or interface) same (queue$3 or (threshold or minimum)) and (reboot$3 or re-boot$3)	USPAT	2004/08/19 08:17
-	1	(717/124.ccls. or 714/???.ccls.) and (test$3 or diagnos$3) near5 (gui or interface) same (reboot$3 or re-boot$3)	USPAT	2004/08/19 08:20
-	28	(717/124.ccls. or 714/???.ccls.) and (test$3 or diagnos$3)same (reboot$3 or re-boot$3)	USPAT	2004/08/19 08:26
-	18	(717/???.ccls. or 714/???.ccls.) and (test$3 or diagnos$3) same (reboot$3 or re-boot$3) near5 (computer or client or target)	USPAT	2004/08/19 09:36
-	2	("6775824" "5819092").pn.	USPAT	2004/08/19 09:43
-	2	("6775824" "5819092").pn. and (test$3 and (web or display or html or page))	USPAT	2004/08/19 09:44

Automated distributed system testing: designing an RTI verification system

John Tufarolo, Jeff Nielsen, Susan Symington, Richard Weatherly, Annette Wilson,
Timothy C. Hyon

December 1999 **Proceedings of the 31st conference on Winter simulation:
Simulation---a bridge to the future - Volume 2**

Full text available: pdf(108.25
KB)   Additional Information: full citation, references, citings, index terms

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3 A visual test development environment for GUI systems

Thomas Ostrand, Aaron Anodide, Herbert Foster, Tarak Goradia

March 1998 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 1998 ACM SIGSOFT international symposium on Software testing and analysis**, Volume 23 Issue 2

Full text available: pdf(2.05 MB)   Additional Information: full citation, abstract, references, citings, index terms

We have implemented an experimental test development environment (TDE) intended to raise the effectiveness of tests produced for GUI systems, and raise the productivity of the GUI system tester.The environment links a test designer, a test design library, and a test generation engine with a standard commercial capture/replay tool. These components provide a human tester the capabilities to capture sequences of interactions with the system under test (SUT), to visually manipulate and modify the s ...

Keywords: GUI-based system, capture/reply, test coverage, test designer, test generation, test maintenance, test scenario, testing, visual editor

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1 **Hierarchical GUI test case generation using automated planning**
Memon, A.M.; Pollack, M.E.; Soffa, M.L.;
Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 2 , Feb. 2001
Pages:144 - 155

[Abstract]   [PDF Full-Text (948 KB)]   IEEE JNL

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Coverage criteria for GUI testing

Atif M. Memon, Mary Lou Soffa, Martha E. Pollack

Full text available: pdf(1.47 MB)   Additional Information: full citation, abstract, references, citings, index terms

A widespread recognition of the usefulness of graphical user interfaces (GUIs) has established their importance as critical components of today's software. GUIs have characteristics different from traditional software, and conventional testing techniques do not directly apply to GUIs. This paper's focus is on coverage critieria for GUIs, important rules that provide an objective measure of test quality. We present new coverage criteria to help determine whether a GUI has been adequately tested. ...

Keywords: GUI test coverage, GUI testing, component testing, event-based coverage, event-flow graph, integration tree

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